

# APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO.

04240

SHEET 1 OF 1

DWG NO. 649.5000

REV: C

PREPARED BY J. SOTO

DATE: 11/14/2013

EFFECT ON DWG  
☐ INC. ☒ UNINC.

DWG TITLE: DEFLECTORS

APPROVED BY:

ENGR

*[Signature]*

MFG

*[Signature]*

QC

*[Signature]*

EFF.

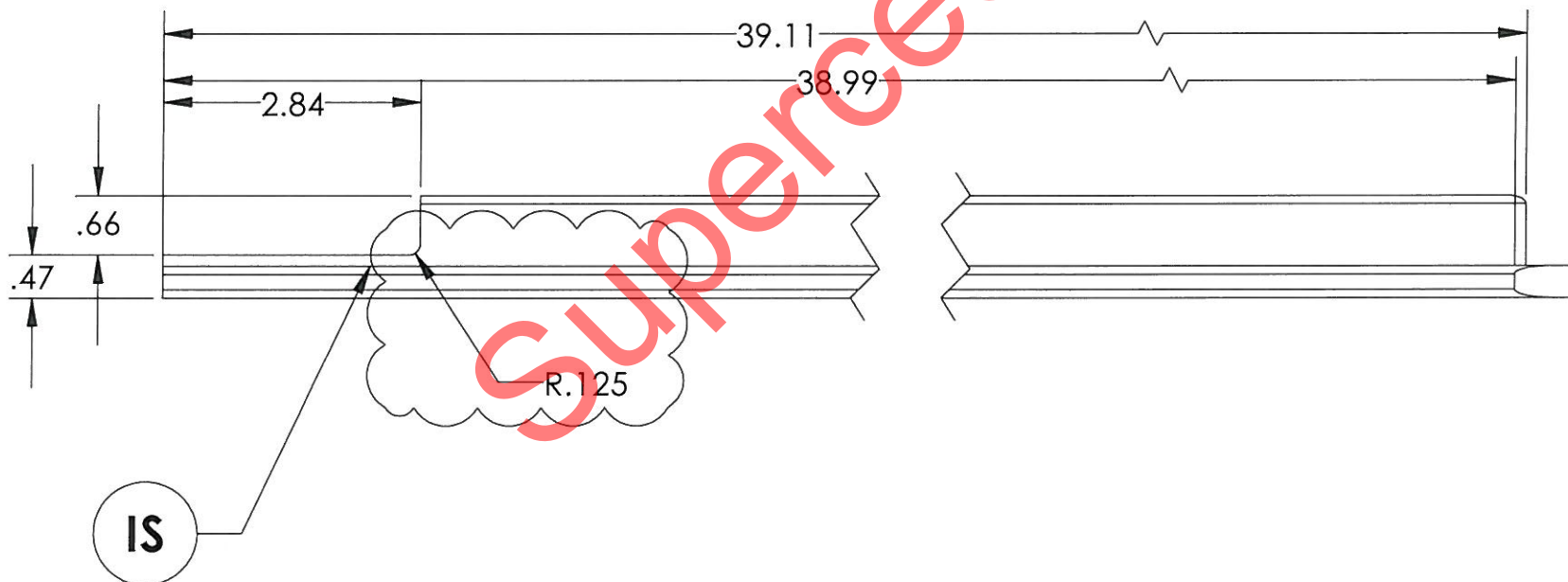
NEXT ORDER

TRANSACTION CODES (TC):  
A-ADD  
R-REVISE  
C-CREATE  
D-DELETE

REASON: REVISED CORNER DIMENSION

ECR:  
D - 13-039

## SHEET 1, ZONE B2 IS:



DOCUMENTS EFFECTED:

☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☐ BOM

CHANGE CATEGORY

☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED

☐ YES ☒ NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03693				SHEET 1 OF 1	
	DWG NO. 649.5000	REV: C	PREPARED BY B. PETERS	DATE: 11/14/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: DEFLECTOR					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED ALTERNATE MATERIAL.				ECR: D-12-001	

IS

1 PRIMARY MATERIAL: 7075-T651 ALUMINUM PER AMS-QQ-A-250/12.  
ALTERNATE MATERIAL: 7075-T6511 ALUMINUM PER AMS-QQ-A-200/11.

**SHEET 1, ZONE A2 IS:**

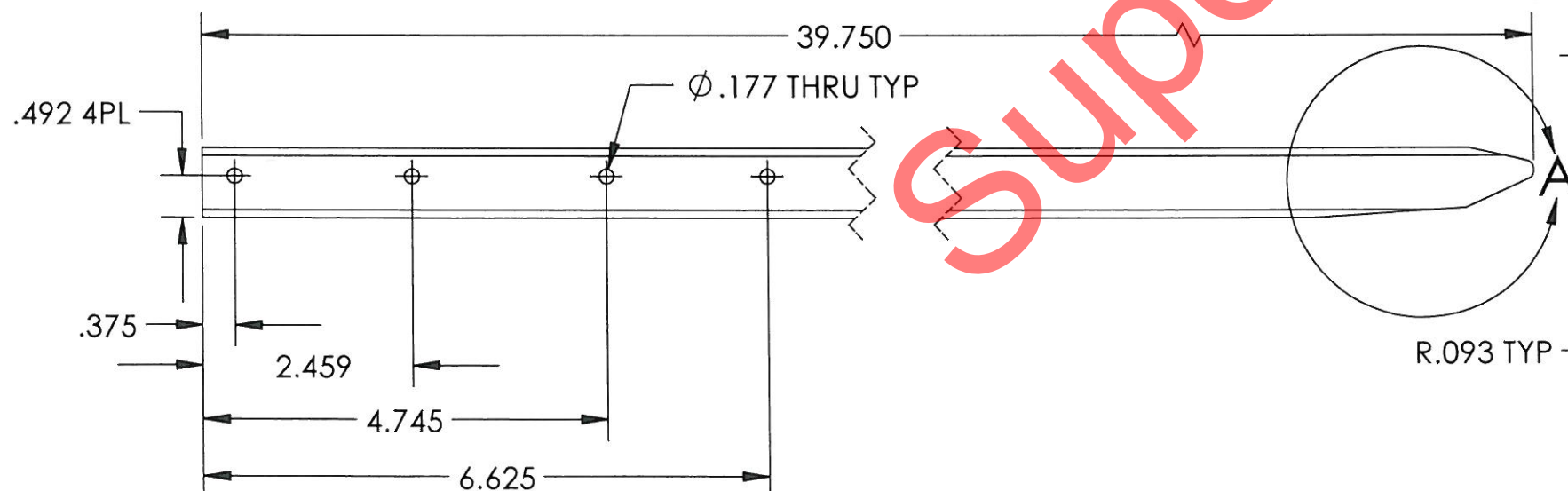
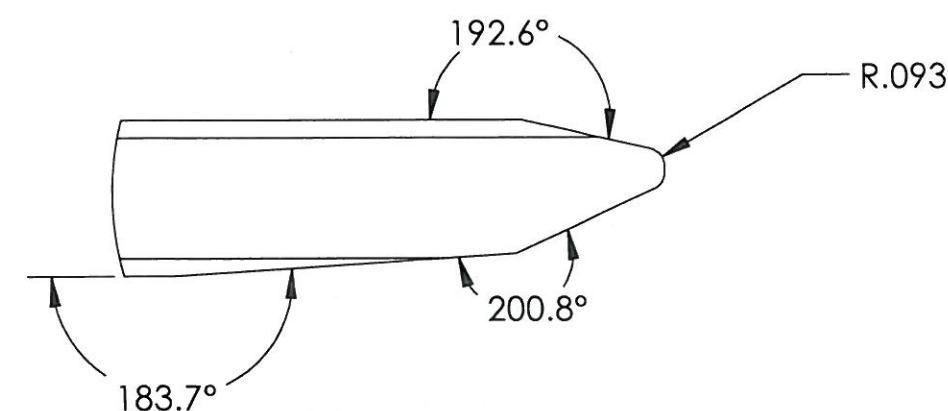
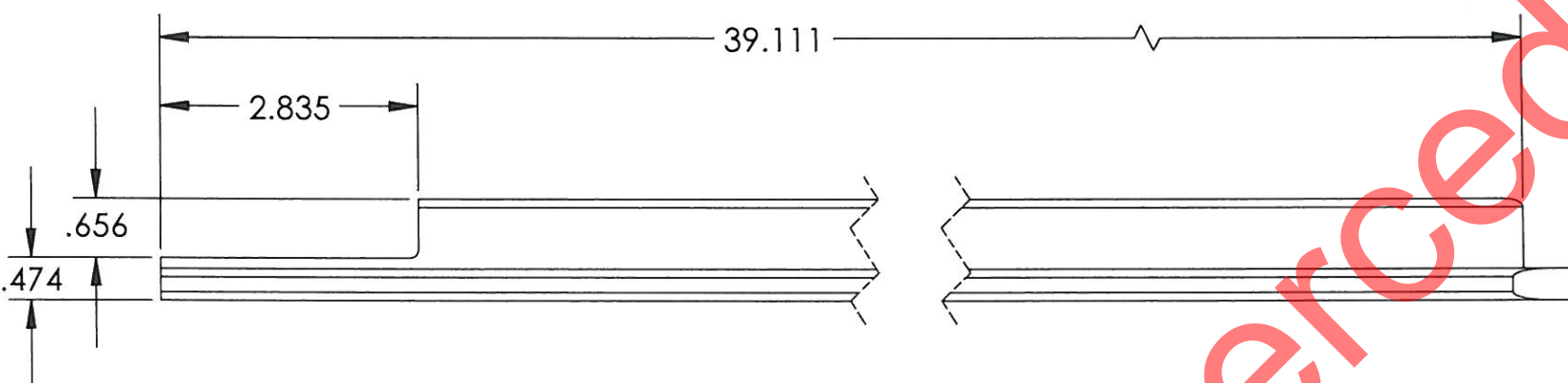
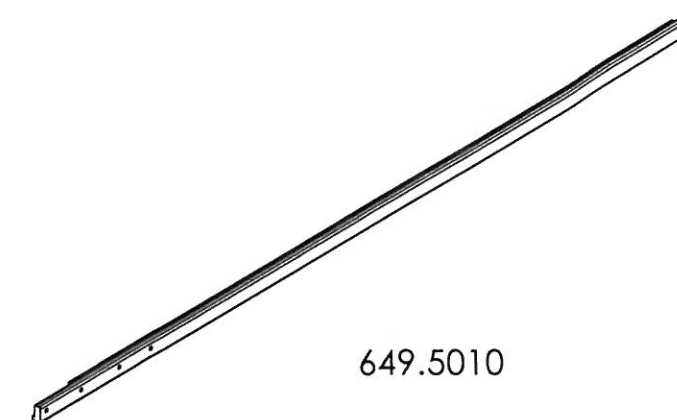
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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REVISIONS		
REV.	DESCRIPTION	DATE
	LAST PROTOTYPE REVISION: PR2	
N/C	INITIAL RELEASE	11-03-11
A	INCORPORATED ECN 03422 AND 03478	04-16-12
B	INCORPORATED ECN 03504	05-02-12
C	INCORPORATED ECN 03521	05-22-12

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX.
3. DE BURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120. LASER ETCH P/N AND REVISION, 12 PT. CENTURY GOTHIC.
5. ALL DIMENSIONS SHOWN PRIOR TO FINISH.
- 6 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 649.5010 DEFLECTOR.SLDPR, LAST MODIFIED 04-16-12.
- 7 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 649.5012 DEFLECTOR.SLDPR, LAST MODIFIED 11-03-11.
- 8 PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: 649.5013 DEFLECTOR.SLDPR, LAST MODIFIED 04-16-12.



DETAIL A  
SCALE 1:1

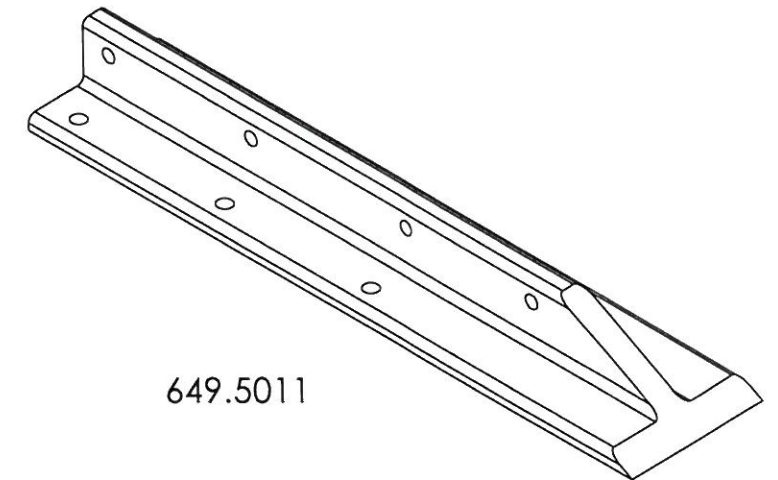
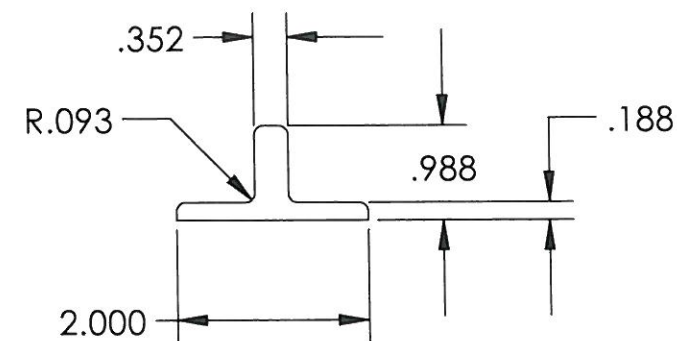
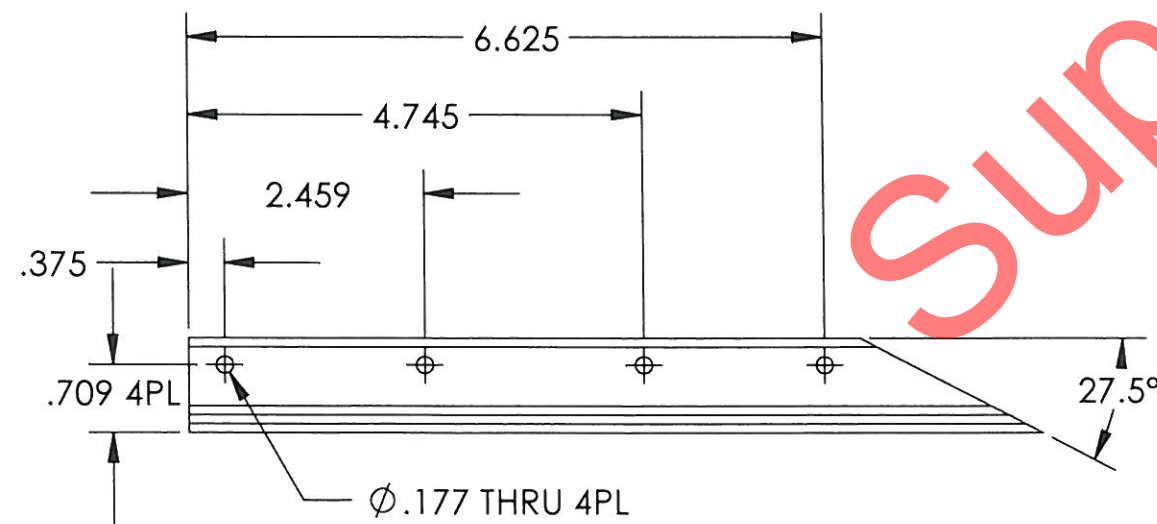
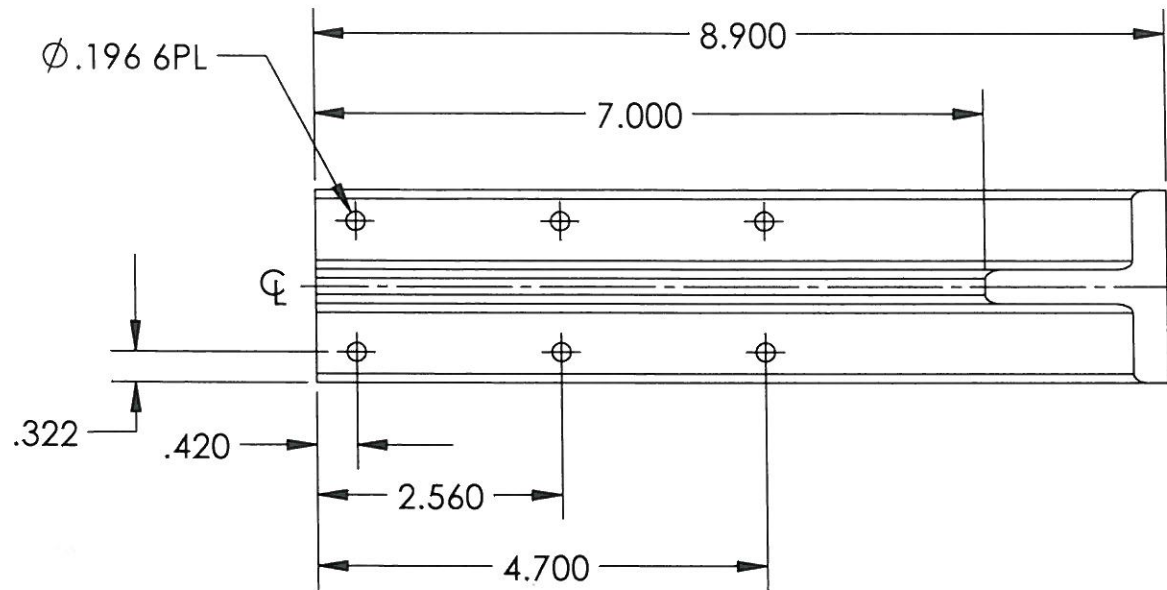
UNINCORPORATED ECN(s)

03643, 04240

4	649.5013	DEFLECTOR	△	△△
3	649.5012	DEFLECTOR	△	△△
2	649.5011	DEFLECTOR	△	△
1	649.5010	DEFLECTOR	△	△△
FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY	PARTS LIST			
NEXT ASSY (S)	ORIGINAL DATE (MO-DA-YR)	11-03-11	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
649.4700	DRAWN BY	A. QUAN		
	CHECKER	P. BRAVO		
	DRAWING APPROVAL	P. BRAVO		
	CONTRACT No.		DEFLECTOR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°		SIZE	CAGE CODE	DWG. NO
		B	07MZ6	649.5000
SCALE NONE		SHEET 1 OF 4		

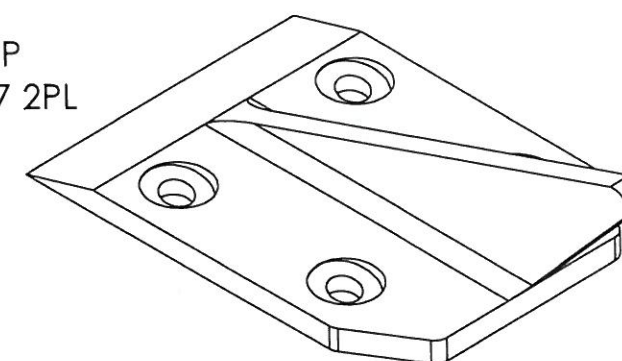
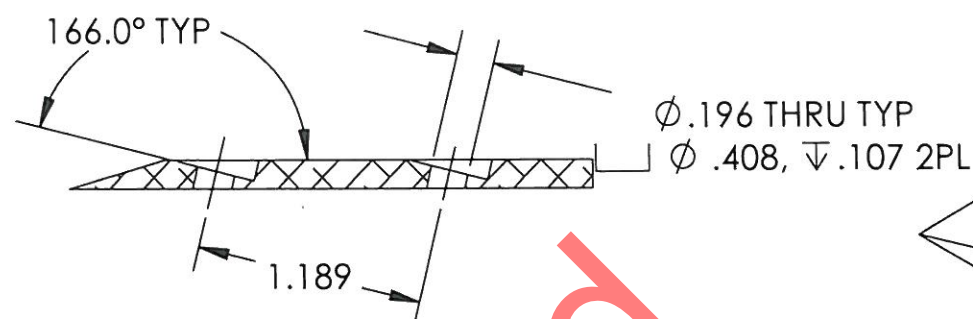
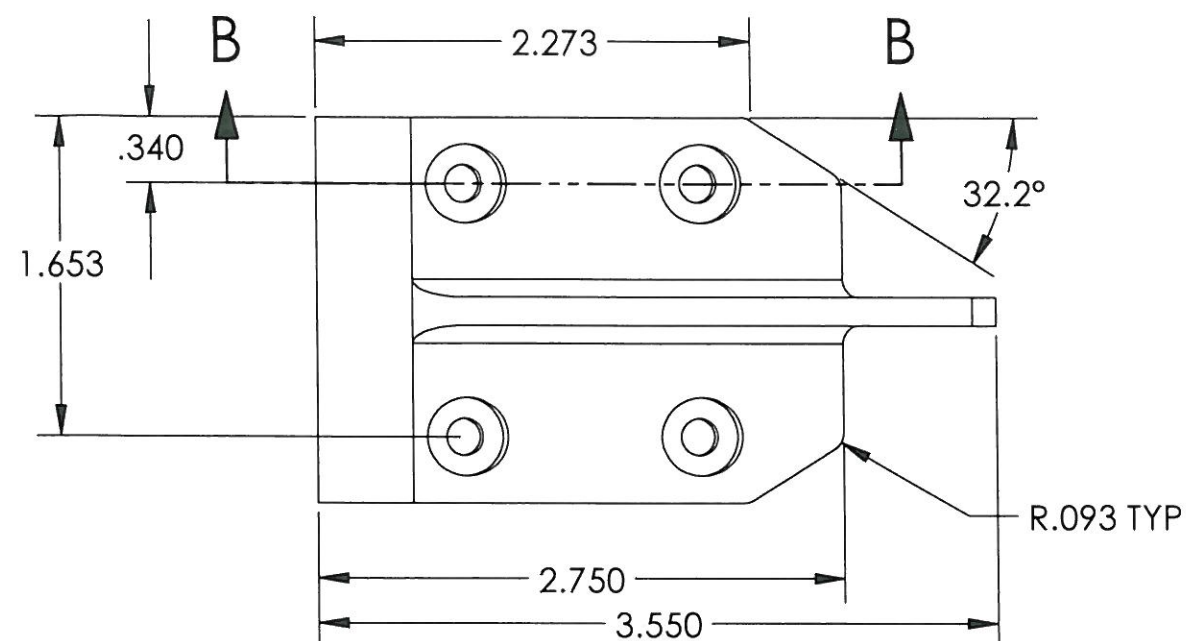


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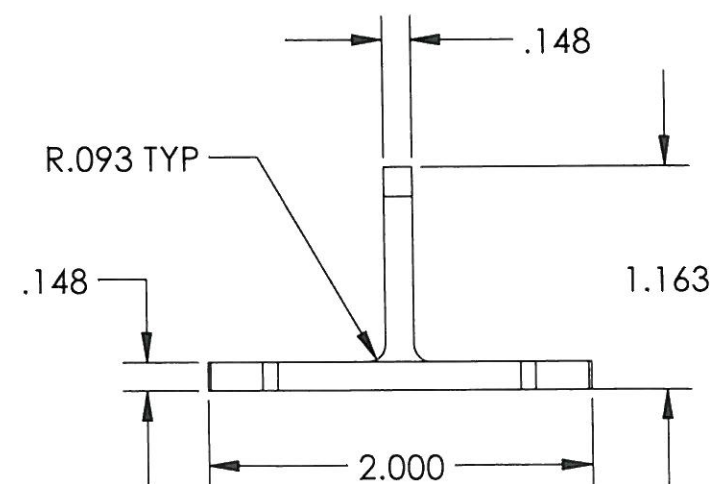
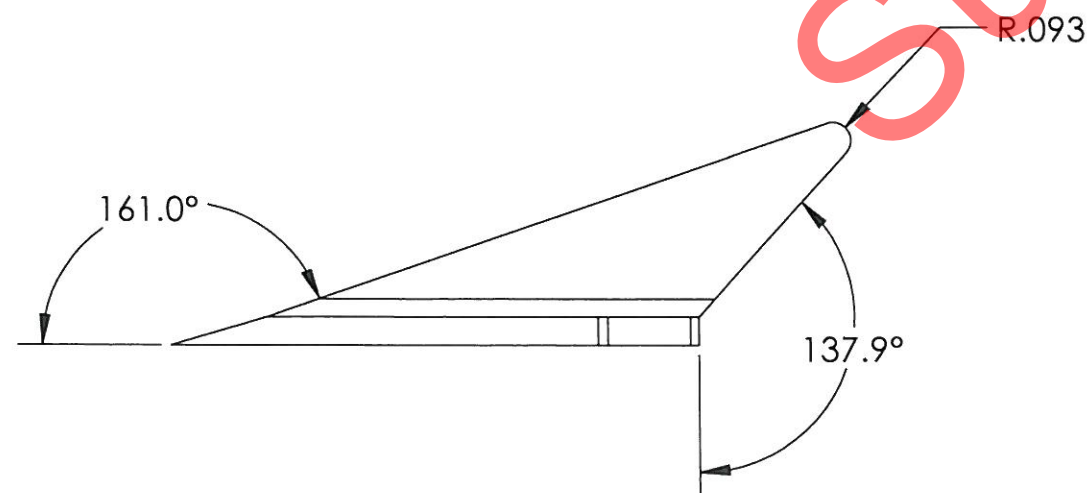


ORIGINAL DATE (MO-DA-YR) 11-03-11		APICAL INDUSTRIES	
DRAWN BY A. QUAN		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		DEFLECTOR	
CONTRACT No.		649.5000	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$		SIZE B 07MZ6	REV C
SCALE NONE		SHEET 2 OF 4	

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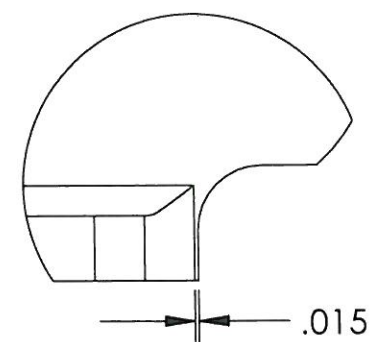
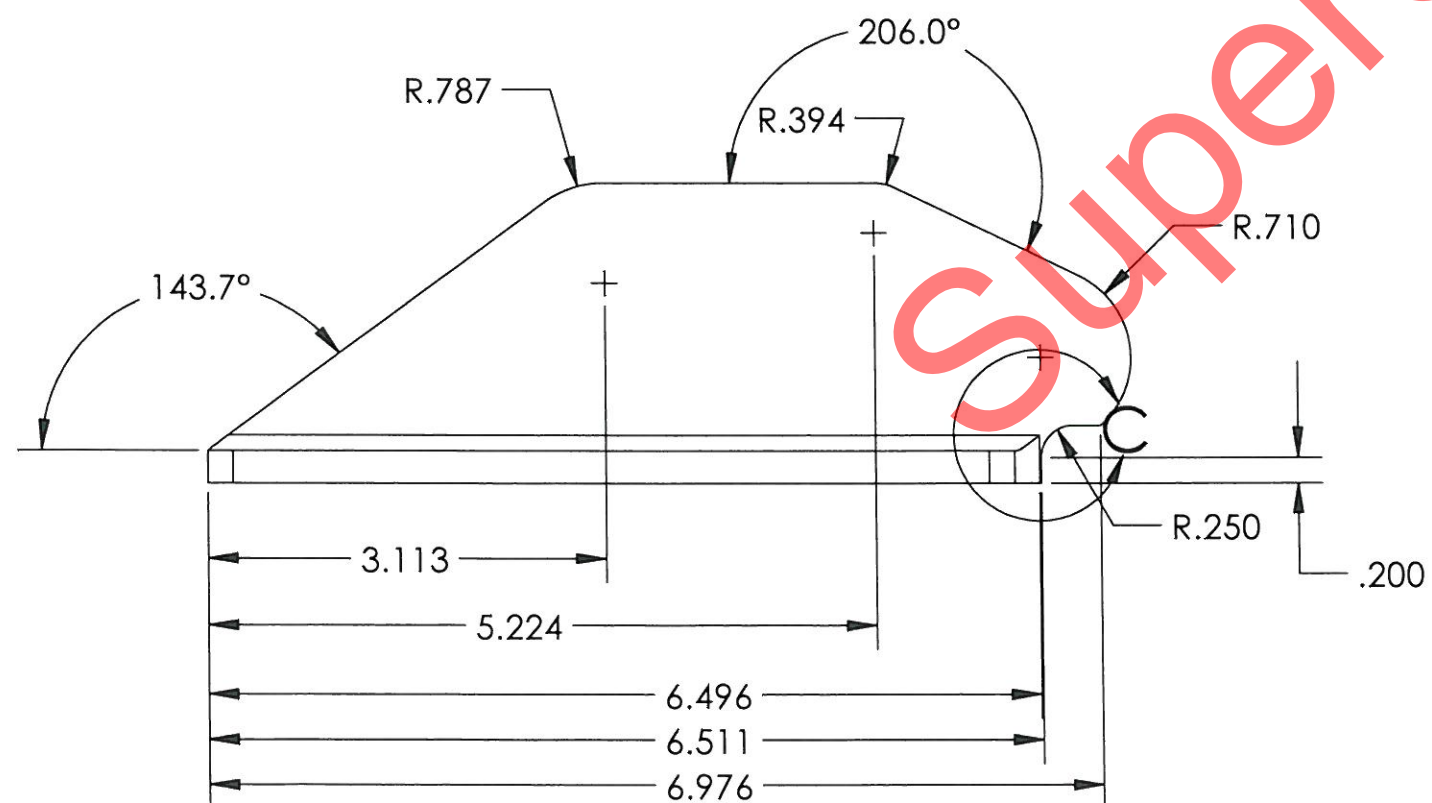
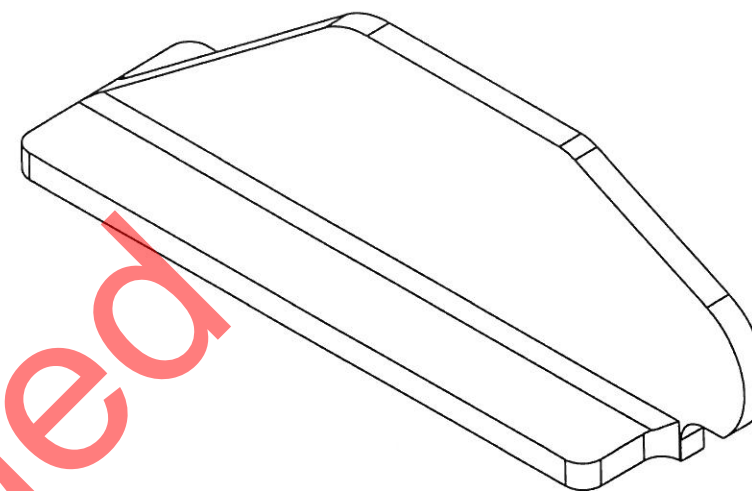
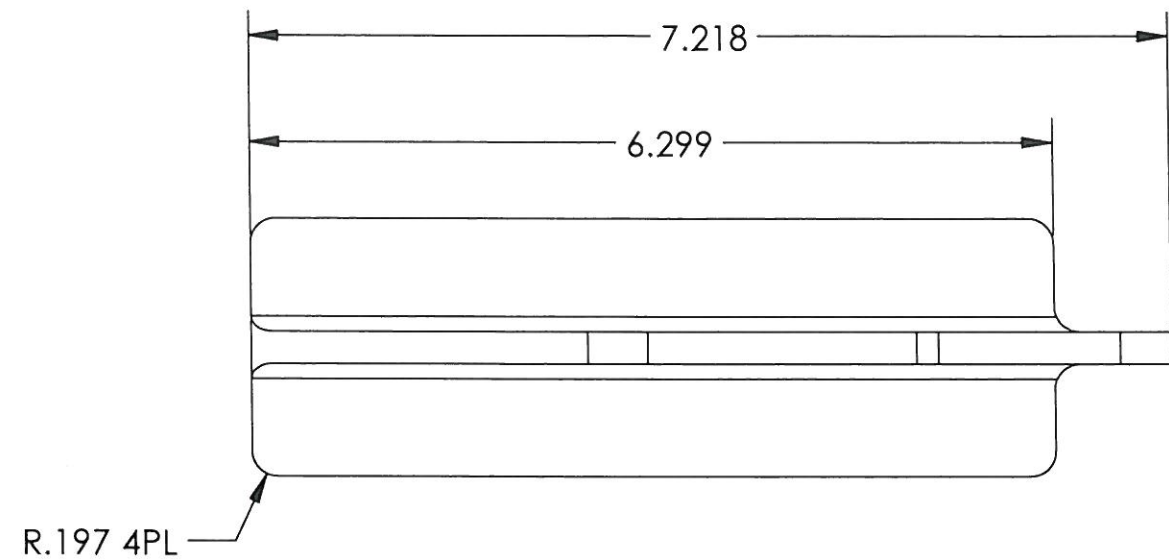
649.5012



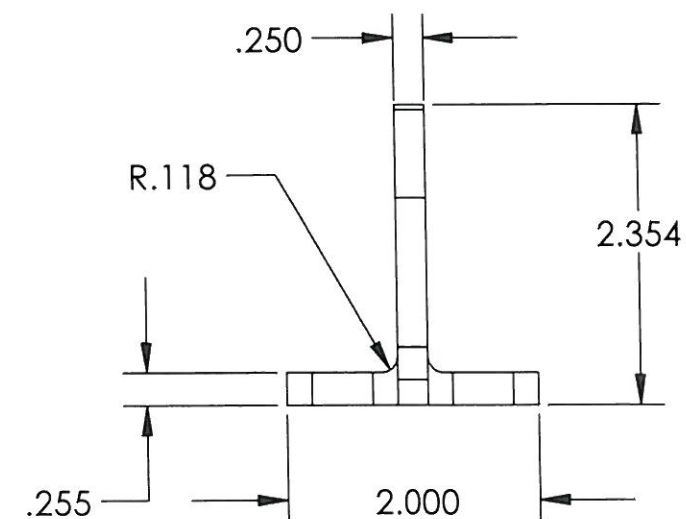
ORIGINAL DATE (MO-DA-YR) 11-03-11		APICAL INDUSTRIES	
DRAWN BY A. QUAN		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		DEFLECTOR	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°		SIZE B	REV. C
		CAGE CODE 07MZ6	DWG. NO. 649.5000
		SCALE NONE	SHEET 3 OF 4

1 2 3 4 5 6 7 8

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DETAIL C  
SCALE 2 : 1.5



ORIGINAL DATE (MO-DA-YR) 11-03-11		APICAL INDUSTRIES	
DRAWN BY A. QUAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 11-03-11		DEFLECTOR	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	REV C
		CAGE CODE 07MZ6	DWG. NO. 649.5000
		SCALE NONE	SHEET 4 OF 4